

Converting Colors

Hex(0A27B3)

Have a look what the booklet for
Hex(0A27B3) contains.

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Color

Hex(0A27B3)

Conversions

Conversions Part 1

Format	Color
Hex	0A27B3
RGB	10, 39, 179
RGB Percent	4%, 15%, 70%
CMY	0.9608, 0.8471, 0.2980
CMYK	0.94, 0.78, 0.00, 0.30
HSL	230°, 89%, 37%
HSV	230°, 94%, 70%
XYZ	8.9874, 4.7702, 43.0949
YIQ	46.2890, -62.2240, 37.3920

Conversions

Conversions Part 2

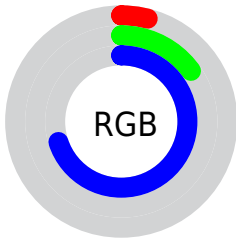
Format	Color
R_{YB}	10, 35, 179
Decimal	665523
CIE _{Lab}	26.07, 46.45, -74.31
CIE _{LCh}	26, 87.634, 302.012
Yxy	4.7702, 0.1581, 0.0839
Android (android.graphics.Color)	4278855603 (0xFF0A27B3)
YUV	46.2890, 65.4265, -31.8255
Hunter-Lab	21.8409, 35.2300, -101.6982

Details

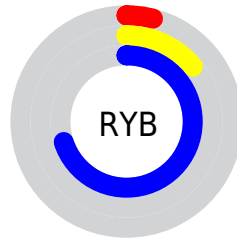
The Hex color **0A27B3** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B3960A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6256EC**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **001FB3**, and if you desaturate by 10%, it is **1C36B3**.

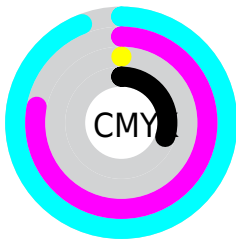
Distribution



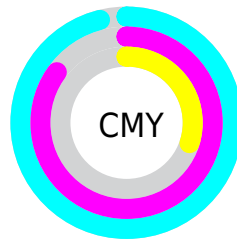
- Red (4%)
- Green (15%)
- Blue (70%)



- Red (4%)
- Yellow (14%)
- Blue (70%)



- Cyan (94%)
- Magenta (78%)
- Yellow (0%)
- Black (30%)



- Cyan (96%)
- Magenta (85%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A27B3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0A27B3 by changing the saturation by 10% instead.

■ 0A27B3

■ 0A27B3

FFFFFF

■ 001197

■ 6256EC

■ 00007D

■ 826FFF

■ 000063

■ A089FF

■ 00094A

■ BFA3FF

■ 000432

■ DDBFFF

■ 00021C

■ FCDBFF

■ 000000

■ FFF7FF

■ 0A27B3

■ 0A27B3

■ 001FB3

■ 1C36B3

■ 2E45B3

■ 4053B3

■ 5262B3

■ 6371B3

■ 7580B3

■ 878FB3

■ 999EB3

■ ABACB3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0049C9



0A27B3



8A007E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A27B3



7B1700



005341

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0A27B3



B3960A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005100



0A27B3



493E00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0A27B3



9D0000



004C00



005585

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0A27B3



A20053



004C00



005229

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0A27B3



A7B2E8



0AB394



4D5475



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0A27B3



0028E8



400AB3



505259



001A99



00041A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B30A27



E80028



7DB30A



595052



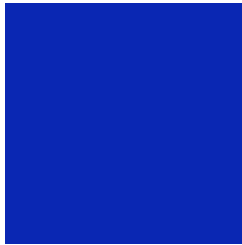
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 0A27B3 looks on a white background.

Color Contrast Check

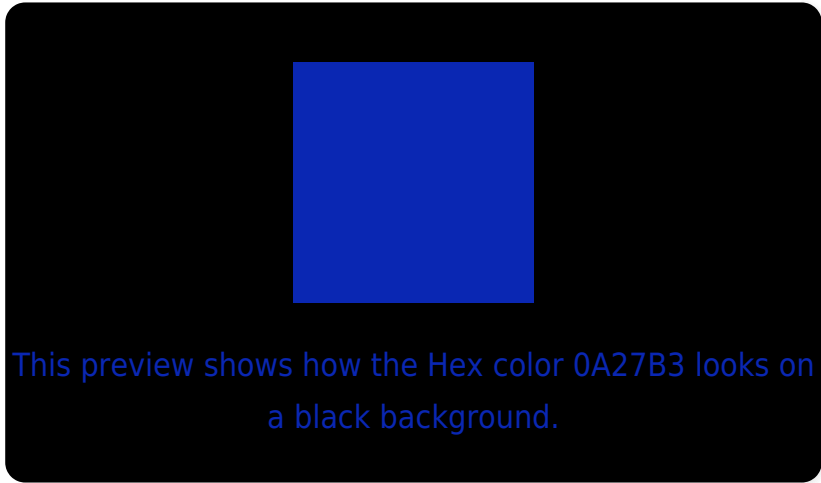
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

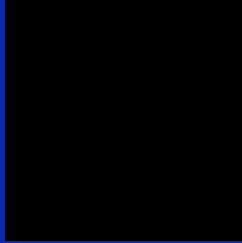
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0A27B3 Background



This preview shows how black text looks on a background with the Hex color 0A27B3.



This preview shows how white text looks on a background with the Hex color 0A27B3.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0A27B3

Protanopia
003C7E

Deuteranopia
00406B

Trichromacy



Original Color
0A27B3

Protanomaly
043491

Deuteranomaly
043785

Tritanomaly
043A6F

Monochromacy



Original Color
0A27B3

Achromatopsia
2E2E2E

Achromatomaly
212B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A27B3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0A27B3 looks like.

```
.text, #text, p{  
    color:#0A27B3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0A27B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A27B3
}
```

Border

The CSS property to change the border of an element to Hex 0A27B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

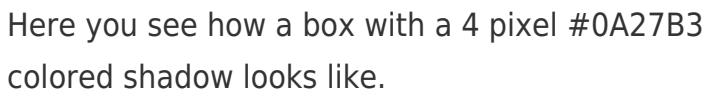
```
.border, #border, table{ border:4px solid
#0A27B3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0A27B3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0A27B3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A27B3; -webkit-box-shadow:4px 4px  
4px 4px #0A27B3; box-shadow:4px 4px 4px  
4px #0A27B3 }
```

Background

The CSS property to change the background color of an element to Hex 0A27B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A27B3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0A27B3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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